

TECHSPEC®

70mm, 120mm Radius, English Goniometer



TECHSPEC® Goniometers



+1

Stock **#66-532** [CONTACT US](#)

-

1

+

€775^{.00}

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Volume Pricing	
Qty 1-2	€775,00 each
Qty 3+	€675,00 each
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 Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Type:

English	
5	Resolution (arcmin):
Physical & Mechanical Properties	
Goniometer	Type of Movement:
70 x70	Stage Size (mm):
±10	Travel (°):
Aluminium Stage	Construction:
0.5	Leadscrew Pitch (mm):
6	Load Capacity (kg):
120	Radius R (mm):
2.75 x2.75	Stage Size (inches):
0.3	Weight (kg):
Hardware & Interface Connectivity	
Lead Screw	Type of Drive:
Threading & Mounting	
(9) 1/4-20, (4) 6-32, (8) 2-56	Mounting Threads:
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	REACH 241:

PRODUCT DETAILS

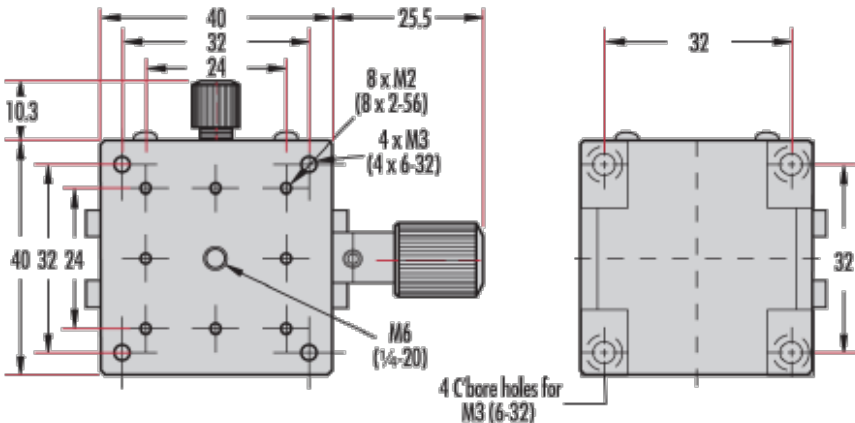
70mm and 125mm stages mount directly and do not require bottom adapter plates.

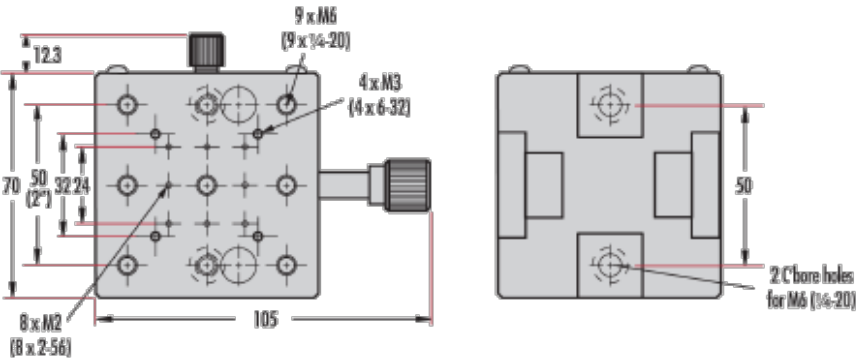
- Metric and English Hole Patterns Available
- Stackable for Two-Axis Rotation
- Mechanically Compatible with our [TECHSPEC® Stages](#)

TECHSPEC® Goniometers allow for precise angular adjustment of an object about a fixed point located above the center of the mounting surface. They provide true tip and tilt adjustment of any optical component and are often used to accurately direct lasers and align mirrors in beam steering applications. These goniometers are available in with Metric and English hole patterns. TECHSPEC® Goniometers are available in different plate sizes to accommodate a host of applications. Each size is offered in several radii of movement for easily stacking into two axis configurations. To provide motion about a common point in two different axes, mount goniometer stages with smaller radii on top of those with larger radii of the same stage size.

Each goniometer stage features precision movement along a dovetail design with a vernier scale for high-resolution measurements and movement repeatability. A locking thumbscrew allows each to be held securely in place. 30mm and 40mm goniometer stages are constructed of durable black painted brass, while 70mm goniometer stages are constructed of black anodized aluminum. [Bottom adapter plates](#), sold separately, are required to mount 30mm and 40mm stages to standard breadboards; 70mm stages will mount directly.

TECHNICAL INFORMATION





	Top Stage															
	30mm Linear Dovetail	30mm Linear	30mm Vertical	30mm Tip/Tilt	30mm Goniometer	30mm Rotary	40mm Linear Dovetail	40mm Linear	40mm Vertical	40mm Tip/Tilt	40mm Goniometer	40mm Rotary	65mm Linear Dovetail	70mm Linear	70mm Vertical	70mm Tip/Tilt
Bottom Stage	30mm Linear Dovetail															
	30mm Linear															
	30mm Vertical															
	30mm Tip/Tilt															
	30mm Goniometer															
	30mm Rotary															
	40mm Linear Dovetail															
	40mm Linear															
	40mm Vertical															
	40mm Tip/Tilt															
	40mm Goniometer															
	40mm Rotary															
	65mm Linear Dovetail															
	70mm Linear															
	70mm Vertical															
	70mm Tip/Tilt															
	70mm Goniometer															
	70mm Rotary															
	125mm Linear															
	125mm Vertical															
	125mm Tip/Tilt															
	125mm Rotary															

